Model VSC
10x12x11½B
Double Suction Split Case Pump

**SPECIFICATIONS**
- **FLOW**
- **HEAD**
- **HP**
- **RPM**
- **VOLTS**
- **CYCLE**
- **PHASE**
- **ENCLOSURE**
- **APPROX. WEIGHT**
- **SPECIALS**

**STANDARD MATERIALS OF CONSTRUCTION**
- Cast Iron Bronze Fitted
- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling
- Heavy Duty Groutless Baseplate
- ANSI/OSHA Coupling Guard
- ISO 1940-1:2003 Impeller Balance

**OPTIONAL MATERIALS OF CONSTRUCTION**
- Galvanized Drip Pan
- Spacer Coupling

**TYPE OF SEAL AND WORKING PRESSURE**
- **Standard**: 175 PSIG (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 175 PSIG (12 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- **Optional**: 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 200 PSIG (13.7 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- **Optional**: 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, balanced mechanical seal, EPR/Graphite loaded Silicon Carbide on Graphite loaded Silicon Carbide, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)

---

**Series VSX**

**Bell & Gossett**

10x12x11½B
1180 RPM

---

**Bell & Gossett**

Let's Solve Water
Model VSC
10x12x11½B
Double Suction Split Case Pump

**SPECIFICATIONS**
- **FLOW**
- **HEAD**
- **HP**
- **RPM**
- **VOLTS**
- **CYCLE**
- **PHASE**
- **ENCLOSURE**
- **APPROX. WEIGHT**
- **SPECIALS**

**STANDARD MATERIALS OF CONSTRUCTION**
- Cast Iron Bronze Fitted
- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling
- Heavy Duty Groutless Baseplate
- ANSI/OSHA Coupling Guard
- ISO 1940-1:2003 Impeller Balance

**OPTIONAL MATERIALS OF CONSTRUCTION**
- Galvanized Drip Pan
- Spacer Coupling

**TYPE OF SEAL AND WORKING PRESSURE**
- **Standard:** 175 PSIG (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 175 PSIG (12 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)

**GRAPHIC**
- Series VSX
- Bell & Gossett
- 10x12x11½B
- 1480 RPM

**NOTES**
- Date: 01/32007
- NPSHr: 40
- (GPM) 12
- (Ft) 8
- (M) 4
- (H) 0

**LET'S SOLVE WATER**
Model VSC
10x12x11\(\frac{1}{2}\)B
Double Suction Split Case Pump

**SPECIFICATIONS**

- **FLOW**
- **HEAD**
- **HP**
- **RPM**
- **VOLTS**
- **CYCLE**
- **PHASE**
- **ENCLOSURE**
- **APPROX. WEIGHT**
- **SPECIALS**

**STANDARD MATERIALS OF CONSTRUCTION**
- Cast Iron Bronze Fitted
- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling
- Heavy Duty Groutless Baseplate
- ANSI/OSHA Coupling Guard
- ISO 1940-1:2003 Impeller Balance

**OPTIONAL MATERIALS OF CONSTRUCTION**
- Galvanized Drip Pan
- Spacer Coupling

**TYPE OF SEAL AND WORKING PRESSURE**

- **Standard:** 175 PSIG (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 175 PSIG (12 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 200 PSIG (13.7 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, balanced mechanical seal, EPR/Graphite loaded Silicon Carbide on Graphite loaded Silicon Carbide, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)

---

**Series VSX**

**Bell & Gossett**

10x12x11\(\frac{1}{2}\)B
1780 RPM

---

**xylem**
Let's Solve Water
Dimensions are subject to change. Not to be used for construction purposes unless certified. Units may be built where foot/feet overhang the motor mounting platform. If overhang is unacceptable, consult factory for a custom submittal, quotation and/or lead time. A certified motor drawing will be required.
Model VSC 10x12x11½B Centrifugal Pump Submittal

**FLANGE DIMENSIONS IN INCHES (MM)**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discharge 10&quot;</td>
<td>2.125 (54)</td>
<td>17.00 (432)</td>
</tr>
<tr>
<td>Suction 12&quot;</td>
<td>2.25 (57)</td>
<td>20.25 (514)</td>
</tr>
</tbody>
</table>

**FLANGES ARE 125# ANSI - STANDARD**
**250# ANSI - AVAILABLE**

**DIMENSIONS IN INCHES (MM)**

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.82</td>
<td>19</td>
<td>9.82</td>
</tr>
<tr>
<td>(249)</td>
<td>(483)</td>
<td>(249)</td>
</tr>
</tbody>
</table>

Removal clearance from end of bracket: 26 Inches (660 mm)

Motor dimensions are approximate and vary by manufacturer and motor type.

Distance to the next available hole.

---

**MOTOR FRAME**

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>CP</th>
<th>HA</th>
<th>HB</th>
<th>HC</th>
<th>HD</th>
<th>2HE</th>
<th>HF1</th>
<th>HF2**</th>
<th>HC*</th>
<th>HH</th>
<th>HM</th>
<th>HO</th>
<th>HP</th>
<th>HQ</th>
<th>HR</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>286T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>84 (2134)</td>
<td>77.579 (1971)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>74 (1880)</td>
<td>18.50 (470)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>35.07 (891)</td>
<td>46.25 (1175)</td>
<td>5 (127)</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>324T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>84 (2134)</td>
<td>80.4 (2042)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>74 (1880)</td>
<td>18.50 (470)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>35.82 (910)</td>
<td>46.25 (1175)</td>
<td>5 (127)</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>326T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>84 (2134)</td>
<td>81.52 (2071)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>74 (1880)</td>
<td>18.50 (470)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>36.35 (923)</td>
<td>46.25 (1175)</td>
<td>5 (127)</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>364T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>84 (2134)</td>
<td>83.359 (2117)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>74 (1880)</td>
<td>18.50 (470)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>37.2 (945)</td>
<td>46.25 (1175)</td>
<td>5 (127)</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>365T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>84 (2134)</td>
<td>83.359 (2117)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>74 (1880)</td>
<td>18.50 (470)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>37.2 (945)</td>
<td>46.25 (1175)</td>
<td>5 (127)</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>404T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>84 (2134)</td>
<td>85.96** (2183)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>74 (1880)</td>
<td>18.50 (470)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>37.72 (958)</td>
<td>46.25 (1175)</td>
<td>5 (127)</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>405T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>84 (2134)</td>
<td>87.96** (2234)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>74 (1880)</td>
<td>18.50 (470)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>37.72 (958)</td>
<td>46.25 (1175)</td>
<td>5 (127)</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>444T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>94 (2388)</td>
<td>93.426 (2373)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>84 (2134)</td>
<td>16.80 (427)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>42.77 (1066)</td>
<td>46.25 (1175)</td>
<td>5 (127)</td>
<td>6</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>445T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>94 (2388)</td>
<td>95.03 (2414)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>84 (2134)</td>
<td>16.80 (427)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>42.77 (1066)</td>
<td>46.25 (1175)</td>
<td>5 (127)</td>
<td>6</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>447T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>94 (2388)</td>
<td>101.51 (2578)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>84 (2134)</td>
<td>16.80 (427)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>41.13 (1045)</td>
<td>46.25 (1175)</td>
<td>5 (127)</td>
<td>6</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>449T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>94 (2388)</td>
<td>102.21 (2596)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>84 (2134)</td>
<td>16.80 (427)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>41.13 (1045)</td>
<td>46.25 (1175)</td>
<td>5 (127)</td>
<td>6</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
</tbody>
</table>

Dimensions are subject to change. Not to be used for construction purposes unless certified.

Units may be built where foot/feet overhang the motor mounting platform. If overhang is unacceptable, consult factory for a custom submittal, quotation and/or lead time. A certified motor drawing will be required.

****These dimensions are valid when using the Woods Duraflex spacer coupling option. For dimensions on Falk SteelFlex coupling options, consult factory for a special submittal drawing.